

ciety, at Leeds; Boston Society of Natural History; Yale College, Peabody Museum, Silliman's Journal; the New Jersey Historical Society; the Penn Monthly, American Chemist, Journal of Pharmacy, and Franklin Institute, in Philadelphia; Peabody Institute, in Baltimore; War Department, Washington, and the Buffalo Society of Natural Sciences.

The death of Dr. Gouverneur Emerson, July 2, aged 78 was announced by Dr. Ruschenberger.

Dr. Genth read a communication in answer to criticisms by Dr. Hunt upon his paper upon Corundum, published in the Proceedings of the Society.

Dr. Charles M. Cresson communicated the results of an examination of an exploded locomotive boiler, with detailed accounts of experiments in reference to the causes of explosion.

Prof. Fraser communicated a note on certain formulæ of minerals, with reference to the question whether separate chemical compounds can co-exist in the same crystallized mineral.

Pending nominations, Nos. 753, 754, 755, 756, 757, 758 were read, and Nos. 753, 754 and 756 balloted for, and the following named persons were declared by the presiding officer duly elected members of the Society, viz.:

Sir Wm. George Armstrong, of Newcastle-on-Tyne.

Mr. Franklin Platt, of Philadelphia.

Mr. Henry Woodward, F.G.S., of London.

And the meeting was adjourned.

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*Stated Meeting, August 21st, 1874.*

Present, 3 members.

Vice-President, MR. FRALEY, in the chair.

Dr. Genth presented a paper for publication in the Proceedings, entitled:—"Contributions from the Laboratory of

the University of Pennsylvania, No. 2. On an improvement of the Burette Valve." By Geo. A. König, Ph.D.

Dr. Genth communicated a paper entitled:—"Contributions from the Laboratory of the University of Pennsylvania, No. 3. On American Tellurium and Bismuth Minerals. By F. A. Genth."

And the meeting was adjourned.

*Stated Meeting, September 18th, 1874.*

Present, 8 members.

Vice-President, MR. FRALEY, in the chair.

A letter accepting membership was received from Mr. J. Norman Lockyer, dated 5 Alexandra Road Fenchly Road, London, June 25, 1874.

A letter accepting membership was received from Mr. Franklin Platt, dated 139 South Fifth street, Philadelphia, Sept. 8, 1874.

Letters acknowledging donations and exchanges were received from R. Academy, Lisbon, Aug. 3, 1774, (XII, ii, iii, XIII, ii, 67, 73, 74, 75, Catalogue II); the Society at Riga, Oct. 31, 1873, (XIV, iii, Proc. XII, 1, 2); the Imp. Academy at Vienna, Dec. 1, 1873, (88, 89); the Zoologico-Botanical Society, at Vienna, Jan., 1874, (Proc. XII, up to 89); the Royal Pontifical Academy d. N. L., at Rome, Dec. 9, 1873, (88, 89); the British Association, London, June 12, 1874, (XVI, 90, 91); the Royal Observatory, at Greenwich, July 21, 1874, (90, 91); the Royal Society, London, June 25, 1874, (III; XIV, ii, XV, i, 62, 88, 89, 90, 91); the Meteorological Office of the R. S., London, June, 10, 1874, (90, 91); the Zoological Society, London, July 3, 1874, (XV, i, 89, 90, 91); the Society of Antiquaries, Somerset House, London, June 25, 1874, (XV, i, 90, 91); the Statistical Society, 12 St. James Square, London June 17, 1784, (XV, i, 90, 91); the Ratcliffe Observatory, Oxford, June 19, 1874, (XV, i, 90, 91); the Literary and Philosophical Society, R.